



✓ **Congratulations! You passed!**
TO PASS 80% or higher

Keep Learning

GRADE
100%

Understanding Transfer Learning

TOTAL POINTS 2

1. Transfer learning is (select all that apply):

1 / 1 point

- ☐ Required for generalization
- ☐ Always a useful approach
- ☒ Something of a fuzzy term that means different things to different people

✓ **Correct**

Correct! We have used this to describe learning across different domains or tasks, or dealing with shifts in distributions. See the video on transfer learning for more detail.

- ☒ Can involve pre-training on related data sets

✓ **Correct**

Correct! One form of transfer learning involves an initial training phase on some generally-applicable training set, as in word embeddings. See the video on transfer learning for more detail.

- ☒ About taking knowledge learned for one task and applying it to another

✓ **Correct**

Correct. At a high level, this is what transfer learning is about. See the video on transfer learning for more detail.

- ☐ Never a useful approach
- ☐ One of the four major types of machine learning.

2. What are word embeddings?

1 / 1 point

- ☒ Transformations of words into some vector space.
- ☐ The most significant form of transfer learning
- ☐ The thing that invokes the curse of dimensionality
- ☐ Encodings for the meaning of words

✓ **Correct**

Correct! See the reading on Word Embeddings for more detail.